

ABSTRACT OF THE DISCLOSURE

(1) A steel pipe that is expanded radially in a state wherein it was inserted in a well such as an oil well, characterized in that the non-uniform wall thickness ratio E_0 (%) before expanding satisfies the following expression ①.

$$E_0 \leq 30 / (1 + 0.018 \alpha) \quad \cdot \cdot \cdot \textcircled{1}$$

Wherein α is the pipe expansion ratio (%) calculated by the following expression ②.

$$\alpha = [(\text{inner diameter of the pipe after expanding} - \text{inner diameter of the pipe before expanding}) / \text{inner diameter of the pipe before expanding}] \times 100 \quad \cdot \cdot \cdot \textcircled{2}$$

(2) A steel pipe that should be expanded radially in a state wherein it is inserted in a well, such as an oil well, characterized in that the eccentric non-uniform wall thickness ratio is 10 % or less.

When the embedding-expanding method is performed with use of the steel pipe of (1) or (2), lowering of collapse strength of the expanded steel pipe is prevented and bending thereof can be decreased.